IP Link® Device Interface
Ethernet Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Signal Processor
Manufacturer:	Extron
Firmware Version:	4.01
Model(s):	MGP 464

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.4	1.15	3.0

Version History:

Driver Version	Date	Notes
2	08/10/2009	Extron Certified. Updated to New Standards. Tested on MGP 464.
1	07/14/2009	Initial Extron Certified. Tested on MGP 464.

Driver Notes:

Input status for Virtual Inputs will map to the lowest input number, and input selection can be selected with any Virtual Input within the same type of input.
Ex: If Input 6 is selected on Component Input for Virtual Input 5, 6 and 7, the Virtual Component Input will be selected and return Input 5 only. The same would apply if input 5 or 7 is selected.

Control Commands & States:

Auto Image	Execute		
Executive Mode	1	2	Off
Freeze[1]	On	Off	
Input[1]	1 – 19		
Input Preset Recall	1 – 32		
Input Preset Save	1 – 32		
Test Pattern	Off	Color Bars	Crosshatch
	4x4 Crosshatch	Grayscale	Ramp
	Alternating Pixels	White Field	Crop
	Side by Side	Quad	PIP
	Aspect Ratio 1.78	Aspect Ratio 1.85	Aspect Ratio 2.35
Video Mute[1]	On	Off	
Window	1	2	3
	4	All	
Window Preset Recall	1 – 32		
Window Preset Recall (w/Input)	1 – 32		
Window Preset Save	1 – 32		

Status Available:

Connection Status	Connected	Disconnected	
Executive Mode	1	2	Off
Freeze[1]	On	Off	
Input[1]	1 – 19		
Input Preset Recall	1 – 32		
Input Preset Save	1 – 32		

Input Type[1]	RGB	YUV-HD	RGBcvS
	YUVi	S-Video	Composite Video
	DVI	Status Unavailable	
Output Rate	50 Hz	60 Hz	72 Hz
	96 Hz	100 Hz	120 Hz
	DVI background input refresh rate	24 Hz	59.94 Hz
	Status Unavailable		
Output Resolution	640x480	800x600	852x480
	1024x768	1024x852	1024x1024
	1280x768	1280x1024	1360x765
	1365x768	1366x768	1365x1024
	1400x1050	1600x1200	480p
	576p	720p	1080i
	1080p	DVI background input resol	1280x800
	1360x768	1440x900	1680x1050
	1080p Sharp	1920x1200	Status Unavailable
Temperature Status	Degrees in Fahrenheit		
Test Pattern	Off	Color Bars	Crosshatch
	4x4 Crosshatch	Grayscale	Ramp
	Alternating Pixels	White Field	Crop
	Side by Side	Quad	PIP
	Aspect Ratio 1.78	Aspect Ratio 1.85	Aspect Ratio 2.35
Video Mute[1]	On	Off	

1. Auto Image, Input, Video Mute, Freeze and Input Type are dependent on Window Control and when “ALL” is selected will not return status for device.

Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration. When configuring for a password, Administrator login is required and the password must have a minimum of 4 or maximum of 12 characters.

Port Type:	Ethernet
Default User Name:	
Default Password:	
Default Port:	23
Multi-Connection Capable:	Yes
Port Changeable:	Yes
Logon Credentials Supported:	Yes

Ethernet Driver Configuration Description:

Please refer to manual for setting and changes to Network Communication parameters such as: User Name, Password, and Port Number. Please look to Chapter 4: Software Configuration and Control for modification. Changes to parameters can also be made through device default web pages in the Configuration Tab under System Settings.

Notes for the Device: